

ABSTRACT OF THE INVENTION

A device for fixing a dust-collecting bag on a dust-collecting machine includes a wind-exhausting box having an annular fit base formed with a curved engage surface shrinking inward at the upper inner wall, and a dust-collecting bag having its opening portion wrapped therein with a flexible tightening ring. After slightly pressed inward and deformed, the opening portion of the dust-collecting bag is received in the annular fit base and the dust-collecting bag is pulled outward to make the tightening ring inside the opening portion firmly stuck on the curved engage surface by its expanding resilience. After the tightening ring is disengaged from the engage surface in the wind-exhausting vent, the dust-collecting bag can be removed from the wind-exhausting box, quick and easy in assembling with and disassembling from the annular fit base.